

Title (en)  
Bistable actuation device

Title (de)  
Bistabile Betätigungsvorrichtung

Title (fr)  
Actuateur bistable

Publication  
**EP 0977104 A3 20000712 (EN)**

Application  
**EP 99114662 A 19990727**

Priority  
IT TO980671 A 19980731

Abstract (en)  
[origin: EP0977104A2] An actuation device capable of changing its operating condition between a stable rest position and a stable work position, comprising a monostable actuation unit (DA), having a body (2) and at least a shaft (4) being movable as a function of the energization available or not to said actuation unit (DA) and a kinematic motion (CB) for converting the movement of said shaft (4) into a bistable actuation, said kinematic motion (CB) comprising a slider (10) being linearly movable under the action of said shaft (4) and means (15-25) for converting subsequent linear movements of said shaft (4) in the passage of said slider (10) between said stable positions and the maintaining of the same. According to the invention, said means (15-25) are arranged sideways to said slider (10) with reference to the motional direction of the latter, where subsequent movements of said slider (10) cause at least a displacement of a hooking element (20) being part of said means (15-25) between at least a first and a second position, in said first position said means (15-25) maintaining said slider (10) in said stable work position and in said second position said means (15-25) allowing said slider (10) to pass in said stable rest position. <IMAGE>

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**E05C 19/02**

IPC 8 full level  
**D06F 37/42** (2006.01); **G05D 23/19** (2006.01)

CPC (source: EP US)  
**D06F 37/42** (2013.01 - EP US); **G05D 23/1921** (2013.01 - EP US)

Citation (search report)

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